

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200 Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Citral Green	Item #464 09 015 01 - Case of 4 1-gallon jugs
Concentrated Citral Solvent Cleaner/Degreaser	Item #464 09 015 05 - 5 gallon Pail
	Item #464 09 015 55 - 55 gallon Drum

Section I

Illinois Correctional Industries	Emergency Telephone Number In case of poisoning, call	
1301 Concordia Court	your poison control center at 1-800-222-1222	
P.O. Box 19277	Telephone Number for Product Information	Date Prepared
Springfield, IL 62794-9277	1-800-634-0213	02/23/10

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components	CAS No.	ACGIH TLV	TITLE III, SECT.313	Wt. %
Citrus Terpenes	94266-47-4	UNK	UNK	UNK

UNK = Unknown (not listed on suppliers Material Safety Data Sheet)

NE = none established

Section III -- Physical/Chemical Characteristics

Boiling Point	>200° F	Specific Gravity (H20 = 1)	1.048
Vapor Pressure (mm Hg)	NA	Melting Point	N/A
Vapor Density (Air = 1)	NA	Evaporation Rate (vs. H20)	N/A
Solubility in Water	COMPLETE		
Appearance and Odor	Clear, colored liquid with citrus odor		

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used)	>200° F (PMCC)	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	Dry chemical, CO ₂ or foam may be used						
Special Fire Fighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.						
Unusual Fire and Explosion Hazards	None KNOWN						

Section V -- Reactivity Data

Stability	Product is stable under normal conditions	Unstable		Conditions to Avoid	NONE
		Stable	yes		
Incompatibility (Materials to Avoid)	Strong Oxidizing Agents; strong Acids				
Hazardous Decomposition or Byproducts	Burning may produce oxides of carbon and other substances				
Hazardous Polymerization	May Occur		Conditions to Avoid		
	Will Not Occur	XXX			

Inhouse MSDS# 115

#464 09 015 01

Section VI -- Health Hazard Data

Route(s) of Entry	Inhalation?	Skin? X	Ingestion? X	Eyes? X
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Health Hazards (*Acute and Chronic*) Irritant: Eyes, Skin, Mucous Membranes, Central Nervous System and Respiratory System.

Carcinogenicity	NO	NTP?	NO	IARC Monographs?	NO	OSHA Regulated?	NO
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Signs and Symptoms of Exposure (Acute) Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea & mucousal irritation. (Chronic) Repeated contact may cause allergic skin reaction.

Medical Conditions Generally Aggravated by Exposure Due to its defatting properties this product may exacerbate an existing dermatitis.

Emergency and First Aid Procedures If swallowed get medical attention.
If in eyes or skin immediately flush with water for 15 minutes, get medical attention.

Section VII -- Emergency and First Aid Procedures

Eyes: Flush eyes with water for at least 15 minutes and call a physician immediately

Skin: Wash affected areas with large amounts of soap and water. If irritation persists call physician.

Ingestion: **DO NOT** induce vomiting. Dilute by drinking water. Call a physician immediately.

Inhalation: Not an expected route of exposure. If vapors or mist cause irritation, remove subject to fresh air.

Section VIII -- Special Protection Information

Respiratory Protection (*Specify Type*) Not required under normal use conditions with good general ventilation.

Ventilation	Local Exhaust	Adequate	Special	none
	Mechanical (general)	none	Other	none

Protective Gloves	Neoprene, Nitrile or Viton	Eye Protection	Safety Glasses / Goggles
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Other Protective Clothing or Equipment Protective clothing appropriate to minimize contact during specific operations.
Protect against generated mists/spray back.

Section IX -- Spill or Leak Procedures

Steps to be taken in Case Material is Released or Spilled Do not touch or walk through spilled material.

Stop leak if you can without risk. Dike ahead of large spills to prevent run-off.

Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle or proper disposal.

Waste Disposal Method Dispose in accordance with Local, State or Federal Regulations

Section X - Storage and Handling Information

Precautions to Be Taken in Handling and Storing Protect from freezing. Keep away from sparks and open flame.

Keep container closed when not in use. Wash thoroughly after handling.

HMIS HAZARD RATING	HEALTH	1
	FLAMMABILITY	0
	REACTIVITY	0
	HMIS other	B

- 0 - LEAST
- 1 - SLIGHT
- 2 - MODERATE
- 3 - HIGH
- 4 - EXTREME